**PIC MINI PROJECT REPORT**

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**PROBLEM DEFINITION:**

*ELECBUY: E-STORE*

The objective of this E-store project is to develop a system which maintains the daily transactions of sale of electronic appliances of the store.

The application provides basic menu , for customers to chose from list of products that the store offers. The user is first prompted to enter his personal details along with membership ID. After selection of product , final receipt is generated which also displays discount if user is a member of the store.

This project uses various C concepts , such as Structures, Arrays of structures , Loops , String handling functions and control statements to execute the required functionality.

**Input specifications:**

1.Input personal details of customer which includes name, contact no., address, membership card number.

2.Ask the customer to input the appliance he/she wants to buy.

3. Ask the customer to input the brand name of the selected appliance.

4.After the details of the appliance are displayed, ask the customer whether he/she wants to buy the same or not.

5. If the customer wants to buy the appliance,he/she is asked to input the number of units of the same.

6.After the receipt is generated, ask the customer to press enter key to exit or any other key to go back to main menu.

**Special Processing:**

1.If the customer is a member then he/she will get a discount of 10 per cent.

2. If the customer is not a member then he/she will not get any discount.

3.If the customer enters an invalid brand name, a message saying ‘Brand currently not available’ is displayed.

4.If the customer doesn’t want to buy the appliance brand shown to him/her,it asks whether he/she wishes to check out some other brand of the same appliance.

5.After receipt of an appliance is generated , the program is terminated if the user presses enter key and if the user presses any other key the program goes back to the main menu.

**Output specifications:**

1. After the customer enters his/her personal details, a list of various appliances available in the store is displayed.

2.When the customer inputs a brand name, the model name and price corresponding to the entered brand name is displayed.

3. After the customer enters the appliance brand name and number of units , the final receipt is generated.

4. Bar code is also displayed.